

Asona Elite™ - NRC 0.80



Fabric Wrapped Rockwool Ceiling Panel

Technical Data sheet

ASONA

Description.

Asona Elite™ is a fabric wrapped rock wool acoustical ceiling panel designed to provide an attractive decorative finish to the ceiling and provide high sound absorption for control of reverberation and back ground noise levels. Panels are available with square or rebated edges and designed to lay into standard T24 grid powder coated to matching colour.

Application.

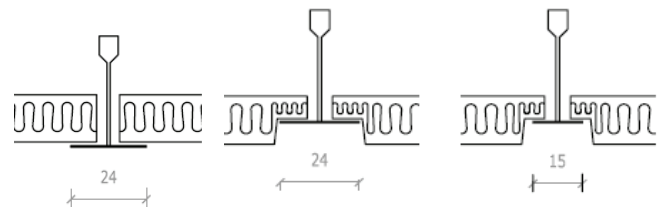
Asona Elite™ is ideal for corporate office, hotel, retail, health care and entertainment facilities where a high end decorative fabric ceiling finish is desired.

Composition.

Manufactured from high density 180 kg/m³ dry felt resin bonded rock wool with selected fabric finish vacuum formed to face a edges.

Benefits.

- Adds a touch of class with the premium look of fabric.
- Wide range of fabric colours and textures available
- High sound absorption, NRC 0.80 for control of room noise
- Easy to cut and trim for fitting of M/E services
- Provides access to above ceiling services
- Made in NZ, short lead times and custom capability.



Technical Specifications

Item #	Size (nominal)	Edge *
RC61533E	15 x 600 x 600 mm	E24
RC61534E	15 x 600 x 1200 mm	E24
RC61534A	15 x 600 x 1200 mm	A/ SQ

Practical Sound Absorption Rating:

α_w 0.80; Class C; ISO 354 E-200
NRC 0.80 per ASTM C423

Hz	125	250	500	1000	2000	4000
α_p	0.50	0.80	0.85	0.75	0.80	0.75

Accessibility:

All panels are demountable and accessible

Back loading:

Max. 1.5 kg/m², point loads shall be independently supported.

Fabric Finishes:

Fabric Network, Warrick Silk Suede, contact Asona

Fire Reaction:

AS1530 pt 3.
Smoke developed 5, spread of flame 0.
Subject to selected fabric, consult Asona
Fire retardant treatment to fabric available

Humidity:

Max 90% R/H at 30°C.

Light reflectance:

ASTM C1477 LR2, <75%
Subject to colour selected

Maintenance:

Clean with vacuum and soft brush.
For fabric stains consult selected fabric manufacturers spec.

NZ Building Code:

Clause B2—durability, 5 years

Service Panels:

Available with protective plastic film covering to help keep panels cleaning during the construction phase.

Thermal Resistance:

R 0.3 m²°C/W

Weight:

2.8 kg/m²

Installation:

Shall not commence until the building is water tight and dry. M/E services shall be independently supported by backer panel, use hold down clips in seismic areas. Install hangers at 1200 mm o.c, main tees at 1200 mm o.c, cross tees to suit module. Wall angle to be fixed at 300 mm o.c

Specification:

Ceiling system shall be Asona Elite fabric wrapped acoustical panels as manufactured by Asona Ltd Tel: 09 525 6575 Fax: 09 525 6579, # (L), module (L) x (L)mm, 15 mm thick, (A24 square edge) (rebated (E15) (E24) sound absorption Class B, α_w 0.80, NRC 0.80, thermal insulation R0.3, selected fabric finish (Network)(Silk Suede), colour (TBC), install panel on T24 two way exposed suspension system powder coated (colour) with 19 x 22 mm wall angle. Supply service panels with protective strippable plastic film facing.

Asona Ltd

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